

ABSTRACT

The present invention can provide thin elastic woven fabric of noble metal monofilament, which is impossible to fabricate in the prior art and which 5 is suitable in use for apparel and garniture designs. In the woven fabric produced according to the present invention, at least either of weft and warp is 0.12 to 6.5 N in tensile strength. Preferably, the noble metal monofilament of 1.5 % or above in elongation percentage is used. Additionally, it is preferable that 14-carat gold, 18-carat gold, 24-carat gold, or gold alloy is used for the noble metal monofilament. In another aspect of the present invention, a method of manufacturing woven fabric from noble metal filament includes the steps of setting up warp through two preparation stages of warping and adjusting loom mechanism, setting up weft of noble metal monofilament by using a filling winder to wind the weft on a bobbin, and weaving the warp and weft into fabric at a shuttle loom, and in the step of using a filling winder to wind the weft on a bobbin, a rotation velocity at which the weft is wound on the bobbin is continuously altered.

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